



Material Safety Data Sheet

MSDS No.	Issue Date : June 2007	ISSUED by SCOTTS AU
Product Name :	AGROBLEN 12-14MTH	

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	AGROBLEN 12-14MTH 15+3.9+7.5+1.8Mg
Product Code	8667
Manufacturer	SCOTTS AUSTRALIA PTY LTD
Address	11 Columbia Way Baulkham Hills NSW 2153 Australia
Emergency Tel.	1800 033 111
Telephone/Fax	Tel:(02) 8853 7300
Number	Fax:(02) 8853 7310
Recommended Use	Controlled release fertiliser

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous according to NOHSC. Classified as dangerous goods according to the ADG Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	Calcium sulphate dihydrate	10101-41-4	<1%	
	Magnesium oxide	1309-48-4	1-5%	
	Ammonium nitrate	6484-52-2	>25%	
	Potassium nitrate	7757-79-1	10-25%	

4. FIRST AID MEASURES

Inhalation	Dusty conditions are unlikely if product is used as intended. However, if prolonged inhalation of dust occurs, remove victim to fresh air. If symptoms persist, call a doctor.
Ingestion	If conscious, drink plenty of water. Do not induce vomiting. Rinse mouth. Consult a doctor if necessary. If poisoning occurs contact a doctor or poisons information centre on 13 11 26 (Australia) or 0800 764 766 (New Zealand).
Skin	If a person feels unwell or symptoms of skin irritation appear, consult a doctor. Rinse with plenty of water.
Eye	Flush eyes with water holding eyelids open. If eye irritation persists, consult a specialist.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water.
Unsuitable extinguishing media	Dry powder, sand, foam, CO ₂
Hazards from Combustion Products	Burning produces obnoxious and toxic fumes. In case of fire, cool with water or water spray. In case of fire, the product will smoulder even without the presence of external oxygen. In these conditions the product will show self sustaining decomposition. The best method to extinguish the fire is to cool the decomposition front with water.
Special Protective Equipment for fire fighters	In the event of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary.
Hazchem code	None allocated.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment. Prevent product from entering drains. Do not contaminate surface water. Shovel or sweep up.
-----------------------------	---

7. HANDLING AND STORAGE



Material Safety Data Sheet

MSDS No.	Issue Date : June 2007	ISSUED by SCOTTS AU
----------	------------------------	---------------------

Product Name : **AGROBLEN 12-14MTH**

Precautions for Safe Handling	Avoid dust formation. Keep away from flammable material. When using do not eat or drink.
Conditions for Safe Storage	Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0°C and 40°C. Keep away from oxidising and spontaneously flammable products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	TWA ppm	mg/m ³	STEL ppm	mg/m ³
	-	10	-	-
Biological Limit Values	None allocated			
Engineering Controls	Ensure ventilation is adequate and that air concentrations are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Keep containers closed when not in use.			
Respiratory Protection	Respiratory protection should not be required for normal use/handling. Avoid breathing dust. If airborne dust levels are high, a dust mask is recommended to avoid inhalation. The respirator use limitations specified by the manufacturer must be observed. Respirators must be in compliance with AS/NZS 1715 and AS/NZS 1716.			
Eye Protection	Safety glasses			
Hand and body Protection	PVC or other material plastic gloves. Although this material does not present a significant skin concern, minimise skin contamination by following good industrial practice. Wash hands and contaminated skin thoroughly after handling.			

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown, blue, greenish granules.
Odour	No significant odour.
Melting Point	Not available
Boiling Point	Decomposes on heating
Solubility in Water	Coating not soluble. Soluble nutrients release through coating.
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Density	990-1036kg/m ³
Decomposition temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	Combustible material, oxidising agents.
Hazardous Decomposition Products	No decomposition if stored normally. Thermal decomposition can lead to release of poisonous gases and vapours

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause sensitisation by inhalation.
Ingestion	Ingestion may cause gastro-intestinal irritation, nausea, vomiting and



Material Safety Data Sheet

MSDS No.	Issue Date : June 2007	ISSUED by SCOTTS AU
----------	------------------------	---------------------

Product Name : **AGROBLEN 12-14MTH**

Skin diarrhoea.
May cause skin irritation in susceptible persons.
Eye May cause eye irritation in susceptible persons.
Chronic Effects No long term effects are known.

12. ECOLOGICAL INFORMATION

Ecotoxicity No information available.
Persistence / Degradability Inherently biodegradable.
Mobility No information available.
Environ. Protection Do not allow chemical or container to contaminate streams, ponds, drains and other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Use up product completely. Dispose of packaging according to state and local waste disposal regulations.

14. TRANSPORT INFORMATION

Transport Information Classified as dangerous goods according to the Australian Dangerous Goods Code.
UN number: 2071
Proper shipping name: AMMONIUM NITRATE BASED FERTILISERS
Class: 9
Packing group: III

15. REGULATORY INFORMATION

Regulatory Information No information available.
Poisons Schedule Not a scheduled poison.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: June 2007

Contact Person/Point	Scotts Australia Pty Ltd 11 Columbia Way Baulkham Hills NSW 2153 Phone (02) 8853 7300 Fax (02) 8853 7310 Emergency phone 1800 033 111 ...End Of MSDS...	New Zealand: 180c Great South Rd Takanini, Auckland Phone (09) 299 6558 Fax (09) 296 0186 Emergency phone 0800 734 607
-----------------------------	---	---